

CUSTOMER NO.: 24498  
Serial No.: 10/564,569  
Office Action Dated: April 1, 2009  
Response dated: June 25, 2009

PATENT  
PU030205

RECEIVED  
CENTRAL FAX CENTER

JUN 25 2009

Listing of and Amendments to the Claims

This listing of, and amendment to, the claims will replace all previous versions of the claims:

1. (original) A method for providing trick mode operations for sub-channels of multiplexed streams stored by a digital storage medium, comprising the steps of:  
receiving at the recording device, a trick mode command specifying a particular sub-channel of a multiplexed stream;  
identifying frame data stored by the digital storage medium corresponding to the particular sub-channel; and  
extracting, from the frame data, trick mode data for the particular sub-channel.
2. (original) The method of claim 1, wherein the frame data comprises complete Intra-coded frames (I-frames) for the particular sub-channel.
3. (original) The method of claim 1, further comprising the step of outputting the trick mode data for the particular sub-channel to a display device for display thereby.
4. (original) The method of claim 1, wherein said receiving step sending step is performed in response to a user selecting the trick mode command via a remote control device.
5. (original) The method of claim 1, wherein the digital storage medium is Institute of Electrical & Electronics Engineers 1394 (IEEE-1394) compliant.
6. (original) The method of claim 1, wherein the multiplexed stream is a Moving Picture Experts Group (MPEG) transport stream.
7. (original) The method of claim 1, wherein the particular sub-channel of the multiplexed stream is specified as an operand in the trick mode command.

CUSTOMER NO.: 24498  
Serial No.: 10/564,569  
Office Action Dated: April 1, 2009  
Response dated: June 25, 2009

PATENT  
PU030205

8. (original) The method of claim 7, wherein at least one of a plurality of trick mode operations to be applied to the particular sub-channel is specified as another operand in the trick mode command.

9. (original) In combination with a digital storage medium coupled to a receiver, a method for providing trick mode operations for sub-channels of multiplexed streams stored on the digital storage medium, comprising the steps of:  
receiving, from the receiver, a trick mode command specifying a particular sub-channel of a multiplexed stream; and  
sending, to the receiver, in response to receiving the trick mode command, frame data corresponding to the particular sub-channel stored by the digital storage medium<sup>2</sup> for extraction of trick mode data there from, the trick mode data corresponding to the particular sub-channel.

10. (original) The method of claim 9, wherein the frame data comprises complete Intra-coded frames (I-frames) for the particular sub-channel.

11. (original) The method of claim 9, wherein the digital storage medium is Institute of Electrical & Electronics Engineers 1394 (IEEE-1394) compliant.

12. (original) The method of claim 9, wherein the multiplexed stream is a Moving Picture Experts Group (MPEG) transport stream.

13. (original) The method of claim 9, wherein the particular sub-channel of the multiplexed stream is specified as an operand in the trick mode command.

14. (original) The method of claim 13, wherein at least one of a plurality of trick mode operations to be applied to the particular sub-channel is specified as another operand in the trick mode command.

**CUSTOMER NO.:** 24498  
**Serial No.:** 10/564,569  
**Office Action Dated:** April 1, 2009  
**Response dated:** June 25, 2009

**PATENT**  
**PU030205**

15. (new) The method of claim 1, wherein the multiplexed streams relate to at least a primary program and at least one other program different from the primary program, the primary program corresponding to a primary channel, and the at least one other program corresponding to the particular sub-channel.

16. (new) The method of claim 9, wherein the multiplexed streams relate to at least a primary program and at least one other program different from the primary program, the primary program corresponding to a primary channel, and the at least one other program corresponding to the particular sub-channel.